Author Index

Bandyopadhyay, M. K., see Ray, R. K. 383
Barbaro, A. M., see Biagi, G. L. 121
Barker, T.
—— and Brown, S. D.
Resolution of a coeluting chromatographic pair using Kalman filtering 77
Bechalany, A., see El Tayar, N. 91
Bechemin, C.
——, Delmas, D. and Garet, M.-J.
Improvement of a carbon–nitrogen elemental analyser for marine samples collected on glass-fibre filters 399
Beck, D. J., see Krishnamurthy, T. 209
Belyakova, L. D., see Hradil, J. 143
Bergren, M. S., see Foust, D. W. 161
Berthod, A.
——, Chartier, F. and Rocca, J.-L.
Contribution of longitudinal diffusion to band broadening in liquid chromatography 53
Biagi, G. L.
——, Pietrogrande, M. C., Barbaro, A. M., Guerra, M. C., Borea, P. A. and Cantelli Forti, G.
Study of the lipophilic character of a series of β-carbolines 121
Bishr, M. M., see Walash, M. I. 390
Blessington, B.
——, Crabb, N., Karkee, S. and Northage, A.
Chromatoghraphic approaches to the quality control of chiral proprionate anti-inflammatory drugs and herbicides 183
Borea, P. A., see Biagi, G. L. 121
Breckenridge, G. H. McG., see Christie, W. 261
Britten, A. J., see Palmentier, J.-P. F. 241
Brown, S. D., see Barker, T. 77
Bushuk, W., see Sapirstein, H. D. 127
By, A.
——, Ethier, J. C., Lauriault, G., LeBelle, M., Lodge, B. A., Savard, C., Sy, W.-W. and Wilson, W. L.
Traditional oriental medicines. I. Black Pearl: identification and chromatographic determination of some undeclared medicinal ingredients 406
Callery, P. S., see Grubb, M. F. 191
Cantelli Forti, G., see Biagi, G. L. 121
Charbonneau, G. M., see Palmentier, J.-P. F. 241
Chartier, F., see Berthod, A. 53
Chauret, N.
—— and Hubert, J.
Characterization of indirect photometry for the determination of inorganic anions in natural water by ion chromatography 329
Christie, W. W.
—— and Breckenridge, G. H. McG.
Separation of *cis* and *trans* isomers of unsaturated fatty acids by high-performance liquid chromatography in the silver ion mode 261
Crabb, N., see Blessington, B. 183
Däppen, R.
——, Karfunkel, H. R. and Leusen, F. J. J.
π-Acceptor amide group for liquid chromatographic chiral separations with special emphasis on the 3,5-dinitrobenzoyl amide 101
Davis, P. J., see Wong, Y. W. J. 281
De Kruijf, N.
——, Schouten, A., Rijk, M. A. H. and Pranoto-Soetardhi, L. A.
Determination of preservatives in cosmetic products. II. High-performance liquid chromatographic identification 317
Delmas, D., see Bechemin, C. 399
Dziwiński, E., see Szymanowski, J. 197
Eichinger, H. M., see Seewald, M. 271
El Rassi, Z., see Melander, W. R. 3
El Tayar, N.
——, Marston, A., Bechalany, A., Hostettmann, K. and Testa, B.
Use of centrifugal partition chromatography for assessing partition coefficients in various solvent systems 91
Ethier, J. C., see By, A. 406
Euerby, M. R.
——, Partridge, L. Z. and Nunn, P. B.
Resolution of neuroactive non-protein amino acid enantiomers by high-performance liquid chromatography utilising pre-column derivatisation with *o*-phthaldialdehyde-chiral thiols. Application to 2-amino-ω-phosphonoalkanoic acid homologues and α-amino-β-N-methylaminopropanoic acid (β-methylaminoalanine) 412
Filfil, N. T., see Janini, G. M. 43
Forti, G., Cantelli, see Biagi, G. L. 121
Foust, D. W.
—— and Bergren, M. S.
Analysis of solvent residues in pharmaceutical bulk drugs by wall-coated open tubular gas chromatography 161
Fu, R., see Jin, Y. 153
Gamoh, K.
——, Omote, K., Okamoto, N. and Takatsuto, S.
High-performance liquid chromatography of brassinosteroids in plants with derivatization using 9-phenanthreneboronic acid 424
Garet, M.-J., see Bechemin, C. 399

Gillespie, P. C., see Smith, M. A. 111
Goosey, M. W., see Peacock, G. A. 293
Grubb, M. F.
—— and Callery, P. S.
Derivatization of N-methyl and cyclic amino acids with dimethylformamide dimethyl acetal 191
Guerra, M. C., see Biagi, G. L. 121
Hamilton, V. T.
——, Spall, W. D., Smith, B. F. and Peterson, E. J.
Quantitative analysis of thorium in plutonium using reversed-phase liquid chromatography and spectrophotometric detection 369
Harding, D. R. K., see Poll, D. J. 231
Henson, C. A.
—— and Stone, J. M.
Rapid high-performance liquid chromatographic separation of barley malt α-amylase on cyclobond columns 361
Horváth, Cs., see Melander, W. R. 3
Hoshino, H., see Saitoh, T. 175
Hostettmann, K., see El Tayar, N. 91
Hradil, J.
——, Švec, F., Platonova, N. P., Belyakova, L. D. and Maroušek, V.
Gas chromatographic and sorption properties of macroporous methacrylate copolymers 143
Huang, Z., see Jin, Y. 153
Hubert, J., see Chauret, N. 329
Huffer, M.
—— and Schreier, P.
Analytical resolution of 4(5)-alkylated γ-(δ)-lactones by high-performance liquid chromatography on a silica-bonded chiral polyacrylamide sorbent. Chromatographic characterization of a stationary phase 137
Isensee, R. K., see Krishnamurthy, T. 209
Janini, G. M.
—— and Filfil, N. T.
Optimization of the gas chromatographic separation of five-membered ring polyarenes with an admixed BPhBT liquid crystal–Dexsil 300 stationary phase 43
Jarvis, B. B., see Krishnamurthy, T. 209
Jin, Y.
——, Fu, R. and Huang, Z.
Use of crown ethers in gas chromatography 153
Karasek, F. W., see Palmentier, J.-P. F. 241
Karfunkel, H. R., see Däppen, R. 101
Karkee, S., see Blessington, B. 183
Kauffmann, G. B., see Ray, R. K. 383
Kawaguchi, Y., see Tanaka, M. 429
Keller, J. W.
—— and Niwa, K.
Milligram-scale separation of optical isomers of 2-pentafluoroethylalanine and 2-trifluoromethylalanine by medium-performance reversed-phase chromatography 434
Kessler, R.
——, Manz, H. J. and Székely, G.
Use of free-flow electrophoresis for the purification of components separated by ion-pair chromatography 444
Kleinmann, I., see Plicka, J. 29
Koehler, H.
——, Larocque, L. and Sved, S.
Use of liquid chromatography in the synthesis of isoluminol-labelled medroxyprogesterone acetate and zeranol 305
Krishnamurthy, T.
——, Beck, D. J., Isensee, R. K. and Jarvis, B. B.
Mass spectral investigations on trichothecene mycotoxins. VII. Liquid chromatographic–thermospray mass spectrometric analysis of macrocyclic trichothecenes 209
Kruijf, N. de, see De Kruijf, N. 317
Kuhn, A. O.
——, Lederer, M. and Sinibaldi, M.
Adsorption chromatography on cellulose. IV. Separation of D- and L-tryptophan and D- and L-methyltryptophan on cellulose with aqueous solvents 253
Kusz, P., see Szymanowski, J. 197
Larocque, L., see Koehler, H. 305
Lascu, I., see Presecan, E. 396
Lauriault, G., see By, A. 406
LeBelle, M., see By, A. 406
Lederer, M., see Kuhn, A. O. 253
Leusen, F. J. J., see Däppen, R. 101
Lodge, B. A., see By, A. 406
McCune, J. E., see Pirkle, W. H. 67
Manz, H. J., see Kessler, R. 444
Maroušek, V., see Hradil, J. 143
Marston, A., see El Tayar, N. 91
Melander, W. R.
——, El Rassi, Z. and Horváth, Cs.
Interplay of hydrophobic and electrostatic interactions in biopolymer chromatography. Effect of salts on the retention of proteins 3
Murakami, T., see Tsukioka, T. 351
Niwa, K., see Keller, J. W. 434
Northage, A., see Blessington, B. 183
Nunn, P. B., see Euerby, M. R. 412
Okamoto, N., see Gamoh, K. 424
Omote, K., see Gamoh, K. 424

Palmentier, J.-P. F.
——, Britten, A. J., Charbonneau, G. M. and Karasek, F. W.
Determination of polycyclic aromatic hydrocarbons in lubricating oil base stocks using high-performance liquid chromatography and gas chromatography–mass spectrometry 241
Partridge, L. Z., see Euerby, M. R. 412
Peacock, G. A.
—— and Goosey, M. W.
Separation of fungal sterols by normal-phase high-performance liquid chromatography. Application to the evaluation of ergosterol biosynthesis inhibitors 293
Peterson, E. J., see Hamilton, V. T. 369
Peterson, R. E., see Pettit, W. A. 440
Pettit, W. A.
——, Swailes, B. K. and Peterson, R. E.
Isocratic reversed-phase high-performance liquid chromatographic assay for a cryptand–cryptate–free metal ion system 440
Pietrogrande, M. C., see Biagi, G. L. 121
Pirkle, W. H.
—— and McCune, J. E.
Discussion of a controversial chiral recognition model 67
Platonova, N. P., see Hradil, J. 143
Plicka, J.
——, Svoboda, V., Kleinmann, I. and Uhlířvá, A.
Mathematical modelling of the peak in liquid chromatography 29
Poll, D. J.
—— and Harding, D. R. K.
Formic acid as a milder alternative to trifluoroacetic acid and phosphoric acid in two-dimensional peptide mapping 231
Porumb, H., see Presecan, E. 396
Pranoto-Soetardhi, L. A., see De Kruijf, N. 317
Presecan, E.
——, Porumb, H. and Lascu, I.
Simple method for the preparation of spherical agarose and composite gel particles 396
Pyżalski, K., see Szymanowski, J. 197
Radler, F., see Schmitt, M. 448
Rassi, Z. El, see Melander, W. R. 3
Ray, R. K.
——, Bandyopadhyay, M. K. and Kauffman, G. B.
Chromatographic studies of metal complexes. V. Thin-layer chromatography of some octahedral cobalt(III) and nickel(II) complexes 383
Rijk, M. A. H., see De Kruijf, N. 317
Rocca, J.-L., see Berthod, A. 53
Saitoh, T.
——, Hoshino, H. and Yotsuyanagi, T.
Separation of 4-(2-pyridylazo)resorcinolato metal chelates by micellar electrokinetic capillary chromatography 175
Salama, O. M., see Walash, M. I. 390
Sapirstein, H. D.
——, Scanlon, M. G. and Bushuk, W.
Normalisation of high-performance liquid chromatography peak retention times for computerised comparison of wheat prolamin chromatograms 127
Sato, H.
Isocratic elution of sodium, ammonium, potassium, magnesium and calcium ions by ion-exchange chromatography 339
Savard, C., see By, A. 406
Scanlon, M. G., see Sapirstein, H. D. 127
Schmitt, M.
—— and Radler, F.
Purification of yeast killer toxin KT28 by receptor-mediated affinity chromatography 448
Schouten, A., see De Kruijf, N. 317
Schreier, P., see Huffer, M. 137
Seewald, M.
—— and Eichinger, H. M.
Separation of major phospholipid classes by high-performance liquid chromatography and subsequent analysis of phospholipid-bound fatty acids using gas chromatography 271
Shatirishvili, I. Sh.
Application of correlation chromatography to the investigation of biopolymers in wines 420
Shono, T., see Tanaka, M. 429
Sinibaldi, M., see Kuhn, A. O. 253
Šlais, K.
Sample-induced internal gradient of ionic strength in ion-exclusion microcolumn liquid chromatography 223
Smith, B. F., see Hamilton, V. T. 369
Smith, M. A.
—— and Gillespie, P. C.
Ionization of DEAE-cellulose. Dependence of p*K* on ionic strength 111
Spall, W. D., see Hamilton, V. T. 369
Stone, J. M., see Henson, C. A. 361
Švec, F., see Hradil, J. 143
Sved, S., see Koehler, H. 305
Svoboda, V., see Plicka, J. 29
Swailes, B. K., see Pettit, W. A. 440
Sy, W.-W., see By, A. 406
Székely, G., see Kessler, R. 444
Szewczyk, H., see Szymanowski, J. 197

Szymanowski, J.
——, Kusz, P., Dziwiński, E., Szewczyk, H. and Pyżalski, K.
Degradation and analysis of polyoxyethylene monoalkyl ethers in the presence of acetyl chloride and ferric chloride 197
Takatsuto, S., Gamoh, K. 424
Tanaka, M.
——, Shono, T., Zhu, D.-Q. and Kawaguchi, Y.
Liquid chromatographic separation of racemates on acetylated or carbamoylated β-cyclodextrin-bonded stationary phases 429
Tayar, N. El, see El Tayar, N. 91
Testa, B., see El Tayar, N. 91
Tsukioka, T.
—— and Murakami, T.
Capillary gas chromatographic–mass spectrometric determination of acid herbicides in soils and sediments 351
Uhlířová, A., see Plicka, J. 29
Walash, M. I.
——, Salama, O. M. and Bishr, M. M.
Use of absorbance ratios in densitometric measurements for the characterization and identification of natural products of pharmacological interest 390
Wan, H.
Large-volume spotting apparatus and its application to the semi-quantitative determination of organochlorine pesticides in tea 403
Wilson, W. L., see By, A. 406
Wong, Y. W. J.
—— and Davis, P. J.
Analysis of warfarin and its metabolites by reversed-phase ion-pair liquid chromatography with fluorescence detection 281
Wroński, M.
Influence of the cellulose content of cellulose gels on the electrophoretic mobility 378
Yotsuyanagi, T., see Saitoh, T. 175
Zhu, D.-Q., see Tanaka, M. 429